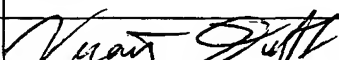


<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small>		Attorney Docket No. PU030156	
		First Inventor Louis Robert Litwin, et al	
		Title METHOD AND APPARATUS FOR FREQUENCY-ROBUST DETECTION OF A WIDEBAND CODE DIVISION MULTIPLE ACCESS SECONDARY SYNCHRONIZATION CHANNEL	
		Express Mail Label No. EL675023457US	
<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 13] <small>(preferred arrangement set forth below)</small> - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R &amp; D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C.113) [Total Sheets 4] 5. Oath or Declaration [Total Pages 1] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for a continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p style="text-align: center;"><b>ACCOMPANYING APPLICATIONS PARTS</b></p> <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input checked="" type="checkbox"/> Power of <small>(when there is an assignee) Attorney</small></p> <p>11. <input type="checkbox"/> English Translation Document <small>(if applicable)</small></p> <p>12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>	
<p>18. If a <b>CONTINUING APPLICATION</b>, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____ / _____ Prior application Information: Examiner _____ Group / Art Unit: _____</p> <p><b>For CONTINUATION or DIVISIONAL APPS only:</b> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>			
<b>17. CORRESPONDENCE ADDRESS</b>			
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<small>(Insert Customer No. or Attach bar code label here)</small>			
Name	JOSEPH S. TRIPOLI THOMSON LICENSING INC.		
Address	2 INDEPENDENCE WAY, Suite 2 P. O. BOX 5312		
City	PRINCETON	State	NJ
Country	USA	Telephone	(609) 734-6834
		Zip Code	08543-5312
		Fax	(609) 734-6888
Name (Print/Type)	Vincent E Duffy	Registration No. (Attorney/Agent)	39,964
Signature		Date	7/12/03

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**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 790**Complete if Known**

Application Number	
Filing Date	herewith
First Named Inventor	Louis Robert Litwin, et al.
Examiner Name	NA
Group / Art Unit	NA
Attorney Docket No.	PU030156

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
07-0832Deposit  
Account  
Name  
Thomson Licensing Inc.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1)** (\$) 750**2. EXTRA CLAIM FEES**

		Extra Claims	Fee from below	Fee Paid
Total Claims	-20 **	= 0	X	= 0
Independent Claims	-3 **	= 0	X	= 0
Multiple Dependent			X	= 0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$) 0

\*\*or number previously paid, if greater; For Reissues, see above


**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$) 40**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Vincent E Duffy	Registration No. Attorney/Agent)	39,964	Telephone	317-587-4019
Signature				Date	7/02/03

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Office  
Docket No. PU030156  
Inventor(s): Louis Robert Litwin, Alton Shalbourne Keel and Wen Gao  
Title: METHOD AND APPARATUS FOR FREQUENCY-ROBUST DETECTION OF A WIDEBAND CODE DIVISION MULTIPLE ACCESS SECONDARY SYNCHRONIZATION CHANNEL  
Serial No. \_\_\_\_\_  
Filed: herewith  
Patent No. \_\_\_\_\_  
et al. ☐ Atty/: Vincent E. Duffy

APPLICATION AS FILED									
Enter Date	Enter Number	Check Type	Check Items Mailed with Application						
App. Mailed	3	Independent Claims <input checked="" type="checkbox"/>	Original-US Nat'l <input type="checkbox"/>	Declaration <input checked="" type="checkbox"/>					
	0	Claims in Excess 20 <input type="checkbox"/>	Divisional <input type="checkbox"/>	Statement under CFR § 1.56-013M <input type="checkbox"/>					
July 2, 2003	4	Claim Pages <input type="checkbox"/>	Continuation <input type="checkbox"/>	Assignment & Recordation Sheet <input checked="" type="checkbox"/>					
	8	Specification Pages <input type="checkbox"/>	CPARCE <input type="checkbox"/>	Preliminary Amendment <input type="checkbox"/>					
	4	Sheets of Drawings <input type="checkbox"/>	Reissue <input type="checkbox"/>	Priority Document - <input type="checkbox"/>					
	1	Abstract Pages <input type="checkbox"/>	Re-Exam <input type="checkbox"/>	IDS 1449 with References <input type="checkbox"/>					
			US Provisional <input type="checkbox"/>	Utility Application Transmittal <input checked="" type="checkbox"/>					
750	Charge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fee Transmittal Sheet in duplicate					
Mailed	Due	AMENDMENTS	Mailed	Due	APPEALS	Mailed	Due	FEEs	
		After Rejection			Notice of Appeals	07/02/03		Filing Fee Exp. Mail 750	
		After Final Rejection			Appeal Brief			Issue Fee	
		After Allowance U/R312			Reply Brief				
		Supplemental			Req. To Withdraw.				
		Voluntary			REQUESTS				
		Letter to Exam/Draftsperson w/Drawing Correction(s)			Ext Time§ 1.136(b)				
		Pg(s) of Formal Dwg(s).			Cert. of Correction			Charge	
		OTHER			OTHER			TOTAL FEE AMT. 790	
		Lic. To For. File			Statement NASA			Appointment Atty/Agent	
		Reg. Priority 35USC119			Terminal Disclaimer	07/02/03		Assignment & Record form	
		Statement DOE			Claim Disclaimer			Letter to PO	
		Statement under §1.56			Status Letter			Notif. of Foreign Ref.	
		IDS w/ references			Declaration			Correction Of Record	
		Certificate of Mailing			Suppl. Declaration				
					Missing Parts Letter				
Express Mail Application Label No.: EL675023457US Date Deposited: July 2, 2003									